

REMARKS

Reconsideration of the present application, as amended, is respectfully requested. Claims 1-9, 11-19, 21-29, 31 and 33-60 are currently pending.

Claim Rejections under 35 U.S.C. §103(a)

Examiner rejected claims 1-9, 11-19, 21-29, 31, 33-41, 43-46, 48-51 53-56, 58-60 as being anticipated by US Patent No, 6,477,543 by Huang in view of US Patent No. 6,636,873 by Carini, et al (“Carini”). Examiner rejected claims 42, 47, 52 and 57 as being unpatentable over Huang in view of and Carini in view of US Patent No. 6,564,263 by Bergman et al (“Bergman”).

Claims 1-9, 11-19, 21-29

Applicant respectfully submits that Huang and Carini, either individually or in combination, do not teach or suggest each and every element of the invention as claimed in claims 1-9, 11-19, and 21-29. Independent claims 1, 11, and 21, as amended, include the limitation, or a limitation similar thereto, of:

sending, to the server, filter information;
filtering data based on the filter information; and
receiving, from the server, the filtered data that has changed since the previous synchronization operation to update the second database.

(Emphasis Added).

In contrast, Huang discloses filtering, transforming, and changing data so that the data can be used and processed in different computing devices. (Huang, col. 11, lines 34-38).

Accordingly, Huang discloses filtering out all images from a web page so that the page can be

shown on a screen without taking up too much memory. (Huang, col. 11, lines 38-44). Huang does not teach or suggest receiving, from the server, the filtered data that has changed since the previous synchronization operation to update the second database, as claimed. Carini does not supply the missing elements.

Carini discloses synchronizing multiple mobile devices with a remote enterprise database by utilizing a replication database, which is a subset image of the remote enterprise database. (Carini, Figure 4). The replication database stores snapshots of data (e.g., tables) to be downloaded to each mobile device. (Carini, col. 6, lines 43-46; Figure 5). Each snapshot contains the latest data from the remote enterprise database to be downloaded to each mobile device, including any updates to data from the remote enterprise database as of the last time the mobile device connected to the replication database. (Carini, col. 6, lines 46-53; claim 14). Carini does not teach or suggest that the latest data from the remote enterprise database to be downloaded to each mobile device consists only of the data that has changed since the previous synchronization.

Since neither Huang nor Carini teach each and every limitation of claims 1, 11, and 21, they cannot render obvious claims 1, 11, and 21 and associated dependent claims 2-10, 12-20, and 22-30. Therefore, Applicant respectfully requests the withdrawal of the rejection of the claims 1-9, 11-19, and 21-29 under 35 U.S.C. § 103(a) over Huang and Carini.

Claims 31, 33-40

Applicant respectfully submits that Huang and Carini, either individually or in combination, do not teach or suggest each and every element of the invention as claimed in claims 31, 33-40. Independent claim 31, as amended, includes the limitation of:

a data importer coupled to the local database, wherein the data importer to receive data provided by the server during the synchronization operation, the data being a subset of data extracted from a main database based on visibility rules and filter information, the subset representing a part of the extracted data that has changed since a previous synchronization operation by the server.

(Emphasis Added).

As discussed above, neither Huang nor Carini teaches or suggests synchronizing using the subset of data representing a part of the extracted data that has changed since a previous synchronization operation by the server. Since neither Huang nor Carini teach each and every limitation of claim 31, they cannot render obvious claim 31 and associated dependent claims 33-40. Therefore, Applicant respectfully requests the withdrawal of the rejection of the claims 31 and 33-40 under 35 U.S.C. § 102(a) under 35 U.S.C. § 103(a) over Huang and Carini.

Claims 41, 43-46, 48-51, 53-56, and 58-60

Applicant respectfully submits that Huang and Carini, either individually or in combination, do not teach or suggest each and every element of the invention as claimed in claims 41, 43-46, 48-51, 53-56, and 58-60.

Independent claims 41, 46, 51, and 56, include the limitation, or a limitation similar thereto, of:

processing the first filter and second filter information to select active filters;
storing the processed filter information to serve as the second filter information for a next synchronization operation

The Examiner states that Huang discloses this limitation at col. 11, lines 35-45 and col. 23, lines 50-60. However, Huang merely discloses:

The transformation code for a specific device and application combination, preferably embodied as executable code, can be used to filter, transform, and change data so that certain information can be feasibly used and processed in computing devices having different CPU powers, memory capacities, and

physical constructs. For example, a web page with images being sent from a PC replica host to a client may run a transformation code to have all images either removed (filter function) or reduced to a very coarse resolution (transform function) so that this page can be shown on the client's screen without taking up too much memory. The ID of the transform code for an application can include a unique name of the transformation code, the network address and the location inside this address where the transformation code is stored.

(Huang, col. 11, lines 33-47).

The need to properly transform information from one end (e.g., a workstation replica host) to the other (e.g., a PALM PILOT.TM.) is addressed in the present invention by the execution of the transformation code. During the execution of the sync logic for an application (FIG. 10), the sync logic determines the update direction for each data item of this application in the handheld and in the replica host. For example, for two data items of the same unique ID from the handheld and the replica host respectively, the sync logic may determine that the handheld data item overrides the replica host one, or vice versa. The sync logic may also determine that these two data items are the same and no data movement is necessary.

(Huang, col. 13, lines 49-61).

Thus, Huang discloses merely that data can be filtered and that during synchronization of two databases, the update direction for a data item can be specified. (Huang, col. 13, lines 52-55). Huang does not teach or suggest storing the processed filter information to serve as the second filter information for a next synchronization operation, as claimed. Carini does not supply the missing element.

Carini discloses filtering data sent to mobile devices to limit the amount and character of replication data. (Carini, col. 8, lines 12-15). Carini also does not teach or suggest storing the processed filter information to serve as the second filter information for a next synchronization operation, as claimed.

Since neither Huang nor Carini teach each and every limitation of claims 41, 46, 51, and 56, they cannot render obvious claims 41, 46, 51, and 56 and associated dependent claims 43-45, 48-50, 53-55, and 58-60. Therefore, Applicant respectfully requests the withdrawal of the

rejection of the claims 141, 43-46, 48-51, 53-56, and 58-60 under 35 U.S.C. § 103(a) over Huang and Carini.

Claims 42, 47, 52 and 57

Claims 42, 47, 52 and 57 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Huang in view of Carini and in view of Bergman. Applicant respectfully submits that the combination does not teach each and every element of the invention as claimed in independent claims 41, 46, 51, and 56.

As discussed above, neither Huang nor Carini teach or suggest storing the processed filter information to serve as the second filter information for a next synchronization operation, as claimed in independent claims 41, 46, 51, and 56. Bergman does not supply the missing element. Bergman merely discloses a multimedia content description framework.

None of Huang, Carini, and Bergman teaches each and every limitation of independent claims 41, 46, 51, and 56. Therefore, this combination cannot render obvious Applicant's claims 42, 47, 52 and 57, which depend from one of independent claims 41, 46, 51, and 56. Accordingly, Applicant respectfully requests the withdrawal of the rejection over this combination.

SUMMARY


Applicant respectfully submits that in view of the amendments and discussion set forth herein, the applicable rejections have been overcome. Accordingly, the present and amended claims should be found to be in condition for allowance.

If a telephone interview would expedite the prosecution of this application, the Examiner is invited to contact Marina Portnova at (408) 720-8300.

If there are any additional charges/credits, please charge/credit our deposit account no.
02-2666.

Respectfully submitted,
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